

RATSENSKAYA, M., zasluzhennyi master sporta; SHMELEV, V.

At competitions in Leszno. Kryl. rod. 13 no.9:20-21 S '62.
(MIRA 15:10)

(Leszno--Gliding and soaring)

SOV/85-58-10-8/34

AUTHOR: Ratsenskaya, M., Honorary Master of Sports, Hero of the Soviet Union

TITLE: On the Way of the Winged (Dorogoy krylatykh!)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 10, p 6 (USSR)

ABSTRACT: The author, a former Komsomol member, graduated as an instructor in aviation and was assigned to the Moskovskaya oblastnaya planernaya shkola (Moscow Oblast Gliding School). She resumed training at the Vysshaya letno-planernaya shkola (Higher Aviation Gliding School) at Koktebel' and participated in All-Union glider competitions, establishing a world record in gliding in October 1935. Assigned to the Tsentral'nyy aeroklub imeni V.P. Chkalova (Central Aeroclub imeni V.P. Chkalov) she organized a group of women pilots which she led during air parades. A Communist Party member, she was the first woman to be awarded the title of Honorary Master of Sports. She is president of the DOSAAF All-Union Glider Section and a member of the Presidium of the DOSAAF Central Committee. There is 1 photograph of the author.

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GLADKOV, N., zasluzhennyy master sporta; RATSEISKAYA, M., zasluzhennyy master sporta; IL'CHENKO, V., zasluzhennyy master sporta; VERETENNIKOV, M., master sporta; OSTROVSKIY, P., master sporta; ZUBOVA, V., master sporta; CHERNOV, B., master sporta; ZAYTSEV, S., master sporta; PISTOLENKO, V., master sporta; POCHERNIN, V., master sporta

Toward new sportive achievements. Kryl.rod. 13 no.4:7 Ap '62.
(MIRA 15:5)

(Aerial sports)

POKRYSHKIN, A., general-leutenant aviatsii, trishdy Geroy Sovetskogo Soyuz.
CHECHURVA, M., Geroy Sovetskogo Soyuz, zasluzhennyy master sporta.
RATSENSKAYA, M., zasluzhennyy master sporta.; FROLOV, I., grazhdanskiy
letchik 1-go klassa. ROMANYUK, V., Geroy Sovetskogo Soyuz, zasluzhennyy
master sporta.

Following the course set by the Communist Youth League. Kryn. rod.
9 no.10:5-7 0 '58. (MIRA 11:12)
(Communist Youth League)

RATSEK-IVANOVA, F. S.

Ratser-Ivanova, F. S. Semi-diurnal tides in a two-dimensional infinite channel of constant depth rotating with constant angular velocity. Bull. Acad. Sci. URSS, Ser. Géograph. Géophys. [Izvestia Akad. Nauk SSSR] 10, 373-382 (1946). (Russian. English summary)

The equation for semi-diurnal tides in two-dimensional basins is solved with the aid of conformal mapping of the contour confining the basin upon the upper half-plane. The problem is solved for the case of an infinite channel of constant depth rotating with constant angular velocity. The solution is given for a special form of the boundary condition. The following suppositions on tidal waves are made: we consider long waves and neglect vertical accelerations; the amplitude of the oscillations of the liquid's particles is regarded as small compared with the depth of the channel. The solution is obtained as a series by the small parameter method. *Author's summary.*

Source: Mathematical Reviews, Vol. 8, No. 2

RATSER-IVANOVA, F. S.

"Investigation of Free Variations of Diurnal and Semidiurnal Types," Thesis
for degree of Cand. Physico-Mathematical Sci. Sub. 31 May 50, Geophysics Inst.,
AS USSR

Summary 71, 4 Sep 52

RATSER-IVANOVA, F.S.

Study of daily and semidaily free oscillations of a fluid in
shallow basins. Izv. An SSSR. Ser. geofiz. no. 1: 67-78 Ja '56

(MLRA 9:3)

(Tides)

RATSER-IVANOVA, F.S.

Studying daily and semidaily free oscillations of a fluid in
shallow basins. Report 2. Izv. AN SSSR. Ser. geofiz. no. 3:369-383
Mr '57. (MLRA 10:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Tides)

SOV/49-59-2-10/25

AUTHOR: Ratser-Ivanova, F. S.

TITLE: Determination of the Tidal Periods of the Diurnal and Half-Diurnal Types of Free Oscillations in the Polar Basins
(Opredeleniye periodov svobodnykh kolebaniy sutochnogo i polusutochnogo tipov v polyarnykh moryakh)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 2, pp 254-261 (USSR)

ABSTRACT: The determination of the tidal oscillations for Polar basins (Polar "cap") encircled by the latitudes is described in this work. The basic equation, Eq (1) is given, where a - radius of the Earth (mean), ω - angular velocity of the Earth's rotation, ζ - increase of the height of the water above the equilibrium, θ - complement of the latitude ($\theta = 90^\circ - \varphi$), h - thickness of the water layer, g - gravitational force, s - type of the waves (1 - diurnal, 2 - 1/2 diurnal), $f = \sigma/2\omega$ - a parameter proportional to the frequency or velocity of the wave σ . The above equation becomes Eq (2) for $h = \text{const}$. This equation can be expressed as Eq (3)(4) when $\mu = 1$, and $\gamma = A$ (Ref 1). The formula (3) defines the

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SOV/49-59-2-10/25

Determination of the Tidal Periods of the Diurnal and Half-Diurnal Types of Free Oscillations in the Polar Basins

form of the water surface. When the sea is represented as a Polar "cap" encircled by the latitude $\theta = \theta_0 (u = u_0)$, then the respective components of the velocity of the particles of water in the directions of the Equator and the Polar circle (u and v) will be expressed as Eq (5) and the limiting condition $u/u_0 = 0$ will be expressed as Eq (6), which

can also be written as Eq (7) or Eq (8) when the Bessel functions (Ref 2) are applied. Thus, Eqs (8) and (I) determine the frequency of the tidal oscillations. In order to determine the period of the diurnal oscillations, the Eq (8) can be transformed into Eq (8₁), where s is taken as 1.

Similarly, the Eq (I) becomes (I₁) when

$$\beta_{s-1} = \beta - \frac{1}{f(f+1)}$$

For the oscillations of the half-diurnal type the Eqs (8₂) and Card 2/5 (I₂) are found accordingly. The computation of the periods

SOV/49-59-2-10/25

Determination of the Tidal Periods of the Diurnal and Half-Diurnal Types of Free Oscillations in the Polar Basins

for various depths and dimensions of the sea can be made simple when Eqs (8₁) and (1₁) (for diurnal type) are represented in the form of Eq (9). As an example a computation was performed for $G' = 5; 10; 15; \dots 85^\circ$ and $\varphi_0 = 10; 20; \dots 80, 85^\circ$. The values of t for various f were found from the trigonometric and elliptic interval tables (Ref 3) while the intersection points of the curves $Y(t)$ and $G(f)$ (bottom of p 257) were found when $Y(t)$ was considered as a function of f , i.e. $Y(t) = Y[t(f)]$. Table 1 shows the periods of diurnal-type oscillations for the sea encircled by $\varphi_0 = 60^\circ$ and the depths 8850, 4430, 2210, 1600, 1250, 1000 and 800 m, which represent $\beta = 10, 20, 40, 49, 64, 81, 100$ (the first column indicates the 7 oscillations). Similar tables were made for $\varphi_0 = 30^\circ$ (Table 2) and for φ_0 varying from 85 to 20° and one depth only, 2210 m (Table 3). The comparison was made between the results thus calculated and those obtained

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SOV/49-59-2-10/25

Determination of the Tidal Periods of the Diurnal and Half-Diurnal
Types of Free Oscillations in the Polar Basins

by Goldsbrough (Ref 4), showing a close similarity. The Table at the bottom of p 258 gives some of the data from both methods for the depths $\beta = 10, 20$ and 40 . Fig 1 shows the relation of the diurnal periods and β , i.e. the depth h for $\varphi_0 = 60^\circ$ (1, 2, 3, ..., 7 - 7 oscillations), Fig 2 - as Fig 1 for $\varphi_0 = 30^\circ$, Fig 3 - relation of the diurnal period and the area of the sea ($\beta = 40$). Similar data (Tables 4 and 5, Figs 4 and 5) were found for the half-diurnal oscillations. These results show that the period increases with a decrease of depth and with an increase of the sea area. Also, the half-diurnal type of oscillations becomes negligible near the Poles, which can be actually observed, while its period becomes almost equal to 12 hours in the sea at $\varphi_0 = 30^\circ$

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SOV/49-59-2-10/25

Determination of the Tidal Periods of the Diurnal and Half-Diurnal
Types of Free Oscillations in the Polar Basins

and $h = 800$ m. Thanks are given to L. N. Sretenskiy for
assistance. There are 5 figures, 5 tables and 4 references;
2 of the references are Soviet and 2 are English.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M. V.
Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: June 6, 1958.

Card 5/5

RAZNEVA-IVANOVA, F.S.

Determining the periods of tidal free oscillations in the polar sea exceeding twelve hours. Izv. AN SSSR. Fiz. atm. i okeana 1 no.5:527-538 My '65. (MIRA 18:8)

1. Moskovskiy gosudarstvennyy universitet.

FATSEK, V.

Member of the tian-shan Expedition

ON: Topographic and Military Expedition Mountain Peak

P: Vokrug Sveta, Mar-Apr. 1946,

Soviet Source: Moscow

Abstracted in USAF "Treasure Island" Report No. 43815, on file in library of Congress, Air Information Division.

RATON, Vladimir

General description, roads, expedition, air surveying, mineral resources in Ismir region, Gorno-Badakhshanskaya a. o.

Soviet Source: F: Vokrug Sveta, Moscow, 1947.

Abstracted in USAF "Treasure Island" Report No. 19692 on file in Library of Congress, Air Information Division

RATSEK, V.I.

Glaciation of Pobeda Peak. Geog.sbor. 4:59-81 '54. (MLRA 7:9)
(Pobeda Peak--Glaciers) (Glaciers--Pobeda Peak)

RATSEK, V. I.

Sarez, Lake

Sarez Lake, Izv. Vses. geog. obshch., 84, No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

RATSEK, V. I.

Pamirs - Burial

Enthnographic and archaeological observations in the high mountain regions of
Tien Shan and Pamirs. Izv. Vses. geog. ob-va 79 no. 4, 1947

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

1. RUSSIA, V. 1.
2. USSR (600)
4. Burial - Tien Shan
7. Ethnographic and archaeological observations in the high mountain regions of Tien Shan and Pamirs, Izv. Vses. geog. ob-va 79, no. 4, 1947.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

RATSEK, V.I.

SKVORTSKOV, Yu.A.; RATSEK, V.I.; RYABCHIKOV, A.M.

Role of N.L.Korshenevskii in the exploration of Central Asia
(75th birthday). Izv.Vses.geog.ob-va 86 no.4:359-362 J1-Ag '54.
(MLRA 7:9)

(Korshenevskii, Nikolai Leopoldovich, 1879-)
(Soviet Central Asia--Description and travel)

OKLADNIKOV, A.P.; RATSEK, V.I.

Traces of an ancient culture in caves of Tien Shan. Izv.Vses.
geog.ob-va 86 no.5:447-452 S-0 '54. (MLRA 7:10)
(Tien Shan--Caves) (Caves--Tien Shan) (Ethnology--Tien Shan)

RATSEK, V. I.

USSR/Geography
Navigational Aids

Mar/Apr 48

"Awarding of the Gold Medals Ineni F. P. Litke, Ineni P. P. Somenov, and Ineni Przhval'skiy for 1948," Official Notice, 2 pp

"Is v-8 Goog Obsheh" Vol LXXX, No 2

Photographs of medals reproduced. Awarded to Engr Capt 1st Rank L. A. Demin for his explorations of Far Eastern Seas, in particular for sailing directions for the Bering Sea, to E. M. Murzayev for exploration in Mongolian People's Republic, and to P. M. Rapasov, V. I. Ratsek, A. F. Koksharov, N. Ya. Gamaletov, and A. M. Arutyunyanito for discovering Pika Pobedy (Victory Peak), highest point in Tyan'shan'. Prizes of 10,000 rubles were also awarded.

PA 5/49T23

AUTHOR: Ratser-Ivanova, F.S.

49-3-9/16

TITLE: Investigation of the diurnal and half-diurnal types of free oscillations of a liquid in shallow reservoirs. II. (Issledovaniye svobodnykh kolebaniy zhidkosti sutochnogo i polusutochnogo tipa v melkovodnykh basseynakh. II.)

PERIODICAL: "Izvestiya Akademii Nauk, Seriya Geofizicheskaya" (Bulletin of the Ac.Sc., Geophysics Series), 1957, No.3, pp.369-383 (U.S.S.R.)

ABSTRACT: Oscillations with periods of less than twelve hours were investigated by the author in an earlier paper (same journal, 1956, No.1). The basic differential equations considered in that paper have singular points only at the poles; the basic differential equations given in this paper have singular points not only at the poles but also at "critical" latitudes, which are symmetrical in both hemispheres. In the same way as in the earlier paper, the problem is solved by the method of asymptotic expansion of the solutions of the differential equations. The here presented method is intended for calculating the periods of free tidal type oscillations for a layer of liquid of constant depth on the revolving Earth. The case of oscillations with periods exceeding twelve hours and below

Card 1/2

49-3-9/16

Investigation of the diurnal and half-diurnal types of free oscillations of a liquid in shallow reservoirs.II.(Cont.) twenty-four hours is considered. The derived formulae give values which approach closely values obtained by exact formulae and enable large scale calculation of oscillation periods for various depths. Acknowledgment is made to L. N. Sretenskiy. There are 2 figures, one table, two references, one of which is Slavic.

SUBMITTED: July 17, 1956.

ASSOCIATION: Moscow State University imeni M. V. Lomonosov.
(Moskovskiy Gosudarstvennyy Universitet im. M.V.Lomonosova)

AVAILABLE: Library of Congress

Card 2/2

RATSLER-IVANOVA, F. S.

Geometricheskaya Teoriya Lineynykh Sistem Algebraicheskikh Krivyykh, L., Trudy Nauchn.- Tekhn. Konfer. Voenno-transp. Akad., SB. 2 (1938), 83-86.

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow - Leningrad, 1948.

RATSER-IVANOVA, F. S.

✓Ratser-Ivanova, F. S. Investigation of free oscillations of a fluid of diurnal or semi-diurnal type in shallow-water basins. I. Izv. Akad. Nauk SSSR. Ser. Geoliz. 1956, 67-78. (Russian)

Es werden die freien Schwingungen in genügend seichten Meeren auf der Erdoberfläche untersucht, wobei die Schwingungen vom Tages- und Halbtagestyp im Vordergrund stehen und die Reibung vernachlässigt wird. Die horizontale Geschwindigkeitskomponente wird unabhängig von der Meeres Tiefe angenommen, die vertikale Komponente soll klein sein gegenüber der horizontalen. Die Bewegungsgleichung für die Verschiebung lässt sich wegen ihrer Verwandtschaft mit der Besselschen Differentialgleichung nach Umformung in eine Integralgleichung numerisch behandeln. Beispiel. *K. Maruhn.*

1-F/W

RATSER-IVANOVA, F. S.

Cand. Physicomath Sci.

Dissertation: "Investigation of the Free Variations of Daily and Semidaily
Types."

31/5/50

Geophysical Inst, Acad. Sci. USSR

SO Vecheryaya Moskva
Sum 71

RATSER-IVANOVA, F. S.

PA 13T12

USSR/Tides
Liquids - Flow

Apr 1946

"Semi-diurnal Tides in a Two-dimensional Infinite Channel of Constant Depth Rotating with Constant Angular Velocity," F. S. Ratser-Ivanova, 10 pp

"Izv Ak Nauk Geograf i Geofiz" Vol X, No 4

Solution of the equation for semi-diurnal tides in two-dimensional basins by conformal mapping of the contour confining the basin upon the upper half-plane.

13T12

MILANO, I.I.

Symposium on machine translating. RTI no. 12-45-46 '63.

(MIRA 17:6)

SAMOTESOV, N.V.; RATSEVICH, L.R., kontrol'nyy master

Automatic pass locking device. Metallurg 3 no.6:25-27 Je '58.
(MIRA 12:1)

1. Zamestitel' nachal'nika oddela tekhnicheskogo kontrolya
Stalinskogo metallurgicheskogo zavoda (for Samotesov). 2. Otdel
tekhnicheskogo kontrolya sortoprokatnogo tsekha Stalinskogo
metallurgicheskogo zavoda (for Ratsevich).
(Rolling mills)

AUTHORS: Samotesov, N.V. and Ratsevich, L.M. SOV/130-58-6-11/20
TITLE: Automatic Clamping Frame for Blanks During Rolling
(Avtomaticheskaya zazhimnaya korobka propuskov)
PERIODICAL: Metallurg, 1958, Nr 6, pp 25 - 27 (USSR)
ABSTRACT: The works are supplying spring steel strip with parabolic edges made of the steel 50KhGA to the Gor'kovskiy avto-zavod (Gor'kiy Motor Works). For a long time, a large quantity of material had to be scrapped due to whiskers at the strip edge resulting from the use of a manually operated clamping frames in the sizing rolls. In the case of manual clamping, the operator could not close the roll-pass simultaneously with feeding the material into the sizing rolls and, as a result of this, whiskers were produced on the edge of each strip for a length of 4 to 5 mm. In this paper, an original design is described of an automatic clamping device of roll-passes, the installation of which enabled liquidating fully the rejects due to this fault. A sketch of the system is shown in Figure 1.

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SOV/130-58-6-11/20
Automatic Clamping Frame for Blanks During Rolling

Figure 2 shows the automatic equipment for generating a current impulse for actuating the electromagnetic coil. The sketch, Figure 4, shows the design of the system which produces the clamping force. The whole system is based on utilizing the elastic deformation of the rolls during feeding-in of the blank to push upwards the textolite end of a contact-closing rod. This results in the closing of an electric circuit which, in turn, actuates the clamping device. To reduce danger to the operating personnel, the operating voltage in the circuit of the regulator is 36 V. A rolling stand, fitted with such an automatic clamping device, has so far been operating satisfactorily for two years.

Card 2/3

SOV/130-58-6-11/20

Automatic Clamping Frame for Blanks During Rolling

There are 4 figures.

ASSOCIATION: Stalinskiy metallurgicheskiy zavod (Stalino
Metallurgical Works)

Card 3/3

1. Rolling mills - Equipment 2. Clamps - Design

VARANKIN, Yu.V., red.; VOLKOV, N.P., red.; KASATKIN, I.I., red.;
KRASNOVSKIY, A.Z., red.; MATYUSH, A.N., red.; NOVASH, V.I.,
red.; PEKELIS, G.B., red.; RATSEVICH, V.O., red.; DOLGIY,
V.Ya., red.

[Electric power plants and networks; exchange of technical
and work experience] Elektrostantsii i seti; obmen proizvod-
stvenno-tekhnicheskim opytom. Minsk, 1962. 87 p.

(MIRA 17:6)

1. Nauchno-tekhnicheskoye obshchestvo energeticheskoy pro-
myshlennosti. Belorusskoye respublikanskoye otdeleniye.

RAI-LETOV, V.A.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1995
 AUTHOR LETOV, A.M., NAUMOV, B.N., RACEEV, V.A., CYPKIN, JA.Z.
 TITLE The Congress on Automatic Control Held at Heidelberg (German Federal Republic).
 PERIODICAL Avtomatika i telemekhanika 18, fasc.1, 93-96 (1957)
 Issued: 2 / 1957

This congress took place from the 25.9.1956 to the 29.9.1956 at Heidelberg and was organized by the department for control technics (president Dr.Grebe) of the Society of German Electrotechnic/Engineering (VDE/VDI). The congress was attended by scientists of international repute. Most of the participants, practitioners and theoreticians came from Western Germany. The USSR was represented by a delegation of the Institute for Automatics and Telemekhanics of the Academy of Science in the USSR under the leadership of A.M.LETOV. The Soviet delegation had the following instructions: a) to take part in the congress, b) to establish contact with foreign scientists taking part in the congress as well as with technical engineering circles, c) to visit several firms. Soviet cooperation in the congress consisted in: a) lectures held by Soviet delegates, answering as well as asking questions in the course of discussions, b) participation in discussions concerning lectures delivered by delegates of other countries.

Organisation and work performed by the congress are both described as being good. The texts of the total of about 70 original lectures were submitted to the organizing committee already before the congress was opened; they were

Avtomatika i telemekhanika 18, fasc.1, 93-96 (1957) CARD 2 / 2 PA - 1995

printed 6 - 8 weeks in advance and were sent to all participants. This made it possible to study all details closely up to the control of computations and calculations, which made discussions particularly interesting. After the congress was opened plenary lectures were delivered: The following 11 departments were organized: 1.) Technical means of automatics, 2.) reciprocally coupled control, 3.) linear methods in the theory of control, 4.) the automatized factory, 5.) determination of nonlinear processes by means of frequency methods, 6.) nonlinear and interrupted control systems, 7.) the control of boilers, 8.) optimum tuning and quality of control, 9.) control in industry, 10.) statistical methods of control, 11.) computers (counting machines) in control technics. Among others the following problems were discussed: The application of nonlinear elements and computing devices on control systems, the use of counting machines (?) for the computation of automatic systems, the determination of the dynamic characteristics of objects from the data obtained on the basis of normal work. The themes of some works are mentioned. The following aims were formulated for the organization of an International Federation of Specialists on Automatic Control: 1.) Exchange of information concerning the automatic control among individual member states, 2.) Organization of international congresses on automatic control every four years. A committee which was charged with the task of preparing the organization of this federation was formed.

INSTITUTION:

RAVCHINSKIY, F. YU.

Ya. M. Slobodin, F. Yu. Ratchinskiy, and I. N. Shovkhar

"Polymerization--Depolymerization". Journal of General Chemistry, 17, 79,
1659-1661, 1947, Leningrad, 3d Report: A New Trimer of Divinyl.

ABSTRACT AVAILABLE

D-50054

RATSHINSKI, F. YU.

Ya. M. Slobodin, F. Yu. Ratshinskiy.

"Polymerization--Depolymerization", Journal of General Chemistry, 12, 79, 374-377, 1947, Leningrad, Kirov-Academy for War Medicine. 2d report: Catalytic thermopolymerization of Divinyl.

ABSTRACT AVAILABLE

D-50054

2255. INVESTIGATION OF DIRECT CONTACT TYPE DEAERATION. Ratsko, VA (Korloturbostroenie (Boiler and Turbine Manuf.), 1949, (2), 22-25; abstr. in Engng Boiler Ho. Rev., Dec. 1949, vol. 64, 392). Tests were carried out at the Central Boiler and Turbine Research Institute, Moscow. The experimental installation is outlined. Use of steam at high temperature does not improve the deaeration process. The intensity of deaeration expressed in terms of percentage of initial oxygen removed does not depend on the initial water content. The deaerating effect slightly decreases with decreasing load. (L)

RATSEP, E.

The feeding of breeding boars on the state and collective farms of Estonia. p. 362.

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland, Vol. 13, no. 8, Aug. 1958.

Monthly list of East European Accession (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

L 53970-65

ACCESSION NR: AP5011233

UR/0241/65/010/004/0049/0053
615.849.7-032:611.95]-033

AUTHOR: Samokhvalov, V. I.; Kalashnikov, S. A.; Ratsiborskiy, V. I.

10
B

TITLE: Distribution of radioactive colloidal Au 198 and histological changes in the tissues following its introduction into the abdominal cavity

SOURCE: Meditsinskaya radiologiya, v. 10, no. 4, 1965, 49-53, and insert facing

TOPIC TAGS: gold, abdomen, radiation injury, tumor, radioactive isotope, histology

ABSTRACT: Autopsy data from 17 patients who had died of various complications shortly after radical surgery and intra-abdominal administration of Au 198, changes revealed by gross inspection of the abdominal cavity of 11 persons reoperated for complications, and experiments on rabbits indicated that most of the Au 198 so administered settles upon the various organs within the abdominal cavity and remains there. Only insignificant amounts of the isotope spread beyond the abdominal cavity. Accordingly, degenerative changes and consequent proliferation of connective tissue were found to be most pronounced in the peritoneum in the tissues and

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L-53970-65

ACCESSION NR: AP5011233

organs where the isotope had concentrated. There were no radiation effects on tumor cells in the lymph nodes with large metastases. It follows from the distribution of Au 198 and histological study of various tissues that the radiation effects of the isotope are manifested only on surface elements of the tumor. The adhesions that develop in the abdominal cavity may be the cause of the subsequent pain felt by the patients (obstruction) and may complicate repeated surgical intervention. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: Fakul'tetskaya khirurgicheskaya klinika Voyennomeditsinskoy ordena Lenina akademii im. S. M. Kirova, Leningrad (Faculty Surgical Clinic, "Order of Lenin" Military Medical Academy)

SUBMITTED: 10Jul64

ENCL: 00

SUB CODE: LS

NO REF SOV: 002

OTHER: 007

Card 2/2

ACC NR: AP7006321

SOURCE CODE: UR/0050/67/000/001/0028/0033

AUTHOR: Ratsimor, M. Ya.

ORG: Hydrometeorological Scientific Research Center, SSSR (Gidrometeorologicheskii nauchno-issledovatel'skiy tsentr SSSR)

TITLE: A method of computing transparency and visual range of lights on a slant line

SOURCE: Meteorologiya i gidrologiya, no. 1, 1967, 28-33

TOPIC TAGS: atmospheric visibility, atmospheric transparency, meteorologic observation

ABSTRACT: There is no present means of measuring slant visibility directly, but it now appears possible to use horizontal meteorological visibility at different levels to determine the value indirectly. The author has considered the theoretical statement of such a value and has plotted measured horizontal visibilities versus height for various conditions (smoke, frost, small snow particles, high relative humidity) beneath clouds at heights of 150 m and less. From the plotted points he has obtained an empirical formula to define the curve representing nearest fit. The formula is:

$$S(h) = \frac{2S_n + 0.28S_0}{H^2} h^2 - \frac{S_n + 1.28S_0}{H} h + S_0$$

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UDC: 551.591.6

ACC NR: AP7006321

where S is the visibility (S_0 is horizontal visibility at the earth's surface, S_H is horizontal visibility at the lower boundary of the cloud), H is height of the lower boundary of the cloud, and h is the height of slant visibility. Computations of slant visibility show that the transparency of the atmosphere beneath a cloud cover changes from horizontal view to slant view. As the angle of view (measured from the horizontal) increases, and as the horizontal visibility at the earth's surface increases, the ratio of slant visibility to horizontal visibility increases. It is noted that the horizontal values used in plotting were obtained from night observations. If the formula above is to be used for daylight computation, modifications are needed. Orig. art. has: 1 figure, 2 tables, and 24 formulas.

SUB CODE: 04, 20/

SUBM DATE: 29Apr66/

ORIG REF: 005/

OTH REF: 002

Card 2/2

RATSIMOR, Ye.; RAKSHA, V.

Traveling exhibitions. Sov.torg. 35 no.1:39-41 Ja '62.

(MIRA 15:1)

1. Upravlyayushchiy tsentral'noy bazoy Rosgalanterei (for Ratsimor).
(Retail trade--Exhibitions)

RATSIMOR, Ye.

Showcases. Nov.torg.tekh. no.2:6-7 '57.

(MLRA 10:8)

1. Kommercheskiy direktor Moskovsko-Dzerzhinskogo univernaga.
(Store fixtures)

LATYSHEV, Konstantin Vasil'yevich; ~~RATNIN, E.D.~~, inzhener, redaktor;
KHITROV, P.A., tekhnicheskii redaktor

[Inspection and routine repair of freight cars] Osmotr i tekushchii
remont vagonov. Izd. 2-oe, ispr. i dop. Moskva, Gos.transp.zhel-
dor. izd-vo 1957. 295 p. (MIRA 10:11)
(Railroads--Cars--Maintenance and repair)

RATSIN, A., inzhener.

Efficiency suggestions by the employees of one mine. Mast.ugl. 2 no.12:14-16
D '53. (MLRA 6:11)

(Coal mines and mining)

RATSITSKAYA, S.S.

U.S.S.R.

The state of cholesterol and phospholipides in the brain tissues of animals. S. V. Nedavetskii and S. S. Ratsitskaya (Sanit.-Hyg. Med. Inst., Leningrad). *Biofizicheskiy Zhurnal* 19, 677-682(1951).--Blood vessels and dura of cattle brains were removed. Tissues were ground with glass in 0.3% NaCl and centrifuged. The supernatant was designated as ext. 1 and the sediment subjected to a second similar extraction and centrifugation. The second supernatant was designated as ext. 2. The sediment was then extd. twice with 7% NaCl and residue ground in 0.25% NaOH. Exts. thus obtained which gave the biuret reaction were tested for content of cholesterol and phospholipides. Tests were also made to det. whether the cholesterol and phospholipids are in combination with the proteins of the brain tissues. It was shown that by the NaCl solvents 24-27% of the cholesterol is extd. from the gray matter of the brain, 6-8% from the white matter, and 11-13% from the cerebellum. In these exts. the cholesterol is in combination with the brain proteins. By the same processes 33-45% of the phospholipids are extd. from the gray matter, 27-31% from the white matter, and 36-45% from the cerebellum. About 50% of the phospholipids thus extd. are not in union with the proteins, or united in only a weak manner. The 0.25% aq. soln. of NaOH exts. the remainder of the cholesterol and phospholipids which are in combination with the brain tissue proteins. These are easily pptd. by HCl and again redissolved by NaOH without any change in their original complex structure. N. S. Levina

RATSKEVICH, G.I.

Rapid construction of a shop at the Kuz'min Plant. Prom. stroi.
40 [i.e. 41.] no.3:5-10 Mr '63. (MIRA 16:3)
(Pipe mills--Design and construction)
(Reinforced concrete construction)

DELEKROFTV, N. V., RATSEVICH, N. V.

Salicylates

Valuable initiative of workers of the commercial department of the salicyl plant. Med. prom
No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, 1953, Uncl.

RATSKEVICH, Yu.V., inzh.

Construction elements of the Soviet pavilion at the World Exhibition
in Brussels in 1958. Nov. tekhn. i pered. op. v stroi. 20 no.4:1-6
Ap '58. (MIRA 11:3)

1. Avtor konstruktivnyy pavil'ona SSSR na Vsesmirnoy vystavke 1958 g.
v Bryusselye.
(Brussels--Paris) (Glass construction) (Aluminum, Structural)

RATS-KHIZGIN, M.I.

Averaging the data of observations in the construction of
graphs representing amplitude changes of seismic waves with
distance. Trudy Inst.fiz.sem. no.6:187-194 '59.
(MIRA 13:5)

(Seismometry)

RATSKO, I.

Investigating and designing the transportation characteristics of feeding pumps used in automobile engines. p.210

JARMUVEK MEZOGAZDASAGI GEPEK. Budapest, Hungary. Vol. 6, no. 7, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

RATSENBERG, Ye.; BUDA, Ya.

Premedication (pharmacological preparation for anesthesia) in dogs.
Eksper.khir. 4 no.5:61-63 S-0 '59. (MIRA 13:1)

1. Iz Instituta klinicheskoy eksperimental'noy khirurgii (Praga).
(ANESTHESIA)

RATSKO, I. - Vol. I, no. 6, June 1954. (Jarmurek es Gopck)

Examination of the fuel pumps of diesel motors. p. 181.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

RATSKO, Istvan

Analysis and design of the delivery characteristics of motor
vehicle feed pumps. Jarmu mezo gep 6 no.7:210-220 '59.

BLAGONRAVOV, S.I.; BREK, B.M.; BYAKOV, P.T.; VIKTOROV, V.S.; VAGANOV,
V.I.; GUSEV, S.A.; GLEBOV, V.V.; GURILEV, A.M.; DANILOV, G.D.;
ZAV'YALOV, V.G.; IOFFE, Ye.F.; IZVEKOV, G.M.; KONOVALOV, S.A.;
KULIGIN, A.S.; KASATKIN, A.P.; KUZNETSOV, N.I.; LEHEDEV, A.I.;
LEMPERT, Ye.N.; MARGEVICH, Ya.I.; MAYZEL', M.A.; MITYAKOV, V.S.;
NOSKOV, M.M.; RYABCHIKOV, M.Ya.; BATSMAN, N.I.; TVOROGOV, M.K.;
UGOL'NIKOV, V.Ya.; KHAR'KOV, G.I.; CHADOV, S.L.

Lev Mil'evich Matveev; obituary. Torf. prom. 38 no.4:38 '61.
(MIRA 14:9)

(Matveev, Lev Mil'evich, 1914-1961)

PESINA, N. M.; Primali uchastiye: RATSUL, P.P.; NAZAROV, K.S.; PONOMAREVA, T.V.

Developing a procedure for the manufacture of ladle brick
from treated Chekmakul' kaolin and Buskul' clay. Trudy Vost.
inst. ogneup. no.2:189-196 '60. (MIRA 16:1)

(Firebrick)
(Chekmakul' region--Kaolin)
(Buskul' region--Fireclay)

109-3-20/23

AUTHORS: Ratsun, M.O. and Kunin, V.Ya.

109-3-20/23

TITLE: Determination of the Pressure of Residual Gases in Electron Tubes (Opredeleniye davleniya ostatochnogo gaza v elektronnykh lampakh)

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol.III, No.3, pp. 435 - 437 (USSR).

ABSTRACT: The investigation was carried out by the method proposed by Herold (Refs. 1 and 2). Several types of Soviet-made tubes were measured. The first and the second grids or the anode of the tubes were used as the ion catchers, while the electrons were collected by either the anode or the second grid. It was found that in the tube type 6A30, pressures during the various stages of the manufacture and processing were in the range of 7.5×10^{-6} to 2.2×10^{-8} mmHg; for the tube type 6A11, the pressures were in the range 1.2×10^{-4} to 2×10^{-6} mmHg. Tubes, type 6A30 were measured more thoroughly; graphs of the residual gas pressure, as a function of the operating time of the tubes, are shown in Fig.2; Curve 3 represents the pressure in a normal tube, while Curves 1 and 2 relate to tubes having an increased pressure. Also, the mutual conductance S in mA/V and the anode current, as functions of the operating time,

Card 1/2

109-3-20/23

Determination of the Pressure of Residual Gases in Electron Tubes

were investigated and the results are shown in Figs. 3 and 4. There are 4 figures and 5 references, 3 of which are English and 2 Russian.

SUBMITTED: April 1, 1957

AVAILABLE: Library of Congress
Card 2/2

RATSUN, M.O.; KUMIN, V.Ya.

Determining the residual gas pressure in electron tubes. Radiotekh.
i elektron. 3 no.3:435-437 Mr '58. (MIRA 11:4)
(Electron tubes)

A. A. I. S. U. A. M. O.

Category : USSR/Electronics - Electron Tubes

H-5

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4299

Author : Kunin, V. Ya., Ratsun, M. O.

Title : Determination of the Thermal Condition of the Control Grid of a Vacuum Tube from its Emission Current, Measured by the Pulse Method

Orig Pub : Radiotekhn. i elektronika, 1956, 1, No 3, 377-380

Abstract : No abstract

Card : 1/1

KUNIN, V.Ya.; RATSUN, M.O.

Selection of the operating temperature for tube control grids
according to emission current measured by the impulse method.
Radiotekh. i elektron. 1 no.3:377-380 Mr '56. (MLRA 9:7)
(Electron tubes)

RATNIKOVA, L.I.; RATS-KHIZGIYA, M.I.

Use of composite reflected waves in seismic prospecting. Geofiz.
razv. no.13:3-14 '63. (MIRA 17:4)

RATT, A.

The profitability of growing flax variety seed. p. 52

SOTSILKTLIK POLLUMJANDUS. POLLUMJANDUS MINISTEERIUM.
Tallin, Hungary. No. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11
November 1959.

Uncl.

RATT, A.

Flax is a profitable field crop. p. 205.

SOTSIALISTLIK POLUMAJANDUS. Tallinn, Hungary. Vol. 13, no. 5, May 1958.

Monthly List of East European Accessions (EEAI), *Vol. 6 12. Dec.* IC, No. 7, July, 1959.
Uncl.

IPPOLITOV, Yakov Yakovlevich; RATTEL', K.N., ratsenzent i spetsred.;
AKSENOVA, I.I., red.; KNAKNIN, M.T., tekhn.red.

[Effect of air parameters and moisture content of the cotton on
spinning] Vliianie parametrov vozdukh i vlashnosti khlopka na
protsess priadeniia. Pod red. K.N.Rattelia. Moskva, Izd-vo
nauchno-tekhn.lit-ry RSFSR, 1960. 59 p.

(MIRA 14:4)

(Cotton spinning)

LEVIN, Semen Rafailovich; GUSEVA, A.I.,⁶ red.; RATTEL', K.N., nauchnyy red.;
SHVETSOV, S.V., tekhn.red.

[New methods of the design and calculation of air inflow ducts
for the ventilation systems of textile and light industry
enterprises] Novye metody rascheta pritochnykh ventilatsion-
nykh kanalov na predpriyatiyakh tekstil'noi i legkoi pro-
myshlennosti. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1961.
71 p. (MIRA 15:2)

(Factories--Air conditioning)

SOV/94-58-12-5/19

AUTHORS: Grodskiy, S.Ye., Engineer
Kudryashov, S.A.,
Lifshits, V.L. and Rattol', K.N.

TITLE: On the Ventilation of Transformer Chambers (K voprosu
o ventilyatsii transformatornykh kamer)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 12, pp 12-14 (USSR)

ABSTRACT: Under this heading there are three separate short
articles discussing the article by Shnitser, Zotov and
Khesin published in Promyshlennaya Energetika, 1957, Nr 12.
Grodskiy, S.Ye., pp 12-13

This author considers that the original article
correctly states that it is not necessary to provide
ventilation shafts in closed transformer chambers for
outputs up to 1 MVA. The author's institute is designing
transformer chambers of this kind. However, various
objections are raised to the ventilation arrangements
proposed by the authors. The air resistance formulae
that they give are not accurate. The recommended
ventilation arrangements are not satisfactory. The

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NOV/94-58-12-5/19

On the Ventilation of Transformer Chambers

practical experience of transformer cooling noted in the article is not sufficient. The latest design of transformer chamber used by the author's organisation overcomes these defects and is briefly described with reference to the sketch. Air reaches the transformer from one side and from underneath and leaves near the top. This method of construction has been successful in practice.

ASSOCIATION: Giprotaktorosel'khoz mash

Kudryashov, S.A., p 13

This author states that the original authors should not have used the maximum permissible outlet air temperature at 45°C but should have used a mean temperature of 40°C. Therefore, the table of ventilating duct areas gives values that are too low.

ASSOCIATION: GPI Elektroyekt, g. Kuybyshev (State Planning
Card 2/3 Institute Elektroyekt in Kuybyshev)

SOV/94-58-12-5/19

On the Ventilation of Transformer Chambers

Lifshits, V.L. and Rattel' K.N., p 14

Operating experience with transformer substations in textile factories in Central Asia which are fully loaded all day shows that the recommended method of ventilation is not adequate in this case. In such circumstances, the use of ventilating shafts has been found very effective. In the test results described in the original article insufficient reference is made to climatic conditions. The authors' organisation has to use more generous ventilation arrangements than are recommended in the article.

ASSOCIATION: Gosudarstvennyy proyektnyy institut Nr 1 (The State Design Institute Nr 1)

Card 3/3

SOROKIN, Nikolay Stepanovich; RATTEL', K.N., inzh., retsenzent;
BEKETOV, A.G., kand. tekhn. nauk, retsenzent; SOKOLOVA,
V.Ye., red.

[Ventilation, heating and air conditioning in textile
factories] Ventiliatsiia, otoplenie i konditsirovanie
vozdukha na tekstil'nykh fabrikakh. Izd.4., porer. i
dop. Moskva, Legkaia industriia, 1965. 342 p.

(MIRA 18:7)

GENISHTA, L.N.; RATTel', K.N.

Windowless, one-story buildings for new textile enterprises.
Tekst. prom. 19 no.11:7-11 N '59. (MIRA 13:2)

1.Glavnyye spetsialisty Gosudarstvennogo proyektnogo instituta No.1.
(Textile factories)

RATTEL' A.M.

SELIVERSTOV, Aleksandr Nikolayevich; RATTEL', K.N., retsenzent; ZOTOV, P.P.,
kandidat tekhnicheskikh nauk, redaktor; GOSNVA, Ye.M., redaktor;
MEDVEDEV, L.Ya., tekhnicheskiiy redaktor

[Effect of the dynamic condition of the air medium on the ventilation
of cotton spinning and weaving mills] Vliianie dinamicheskogo sostoia-
niia vozduшной sredy na ventilatsiiu priadil'nykh i tkatskikh
khlopchatobumazhnykh fabrik. Pod red. P.P.Zotova. Moskva, Gos. nauchno-
tekhn. izd-vo Ministerstva promyshlennykh tovarov shirokogo potreble-
niia SSSR, 1954. 94 p. (MIRA 8:4)

(Textile factories--Ventilation)

GRODSKIY, S.Ye., inzh.; KUDRYASHOV, S.A.; LIFSHITS, V.L.; RATTEL', K.N.

Ventilating transformer chambers. Prom.energ. 13 no.12:12-14 D '58.
(MIRA 12:1)

1. Giprotaktorosel'khoz mash (for Grodskiy). 2. Gosudarstvennyy proyektnyy institut Elektroproyekt, g.Kuybyshev (for Kudryashov). 3. Gosudarstvennyy proyektnyy institut No.1 (for Lifshits, Rattel').
(Electric transformers--Ventilation)

RATTAL, K. N.

Gorainov, V. A.
TS1544.B3G6

1. Blast.
2. Factories - Heating and ventilation. I. Rattel', K. N.

CHERKINSKIY, Boris Mendeleyevich; TOKAREV, Dmitriy Georgiyevich; SHAPKIN, Il'ya Fedorovich; ZOTOV, Petr Petrovich; SIMKIN, M.Ye., redaktor; PLEMYANNIKOV, M.N., redaktor; BAKASTOV, V.N., retsenzent; BRAZHNIK, M.I., retsenzent; MOTORIN, I.V., retsenzent; RATTEL', K.N., retsenzent; SHVYREV, S.S., retsenzent; NEKRASOVA, O.I., tekhnicheskiy redaktor

[Manual of power engineering for the textile industry] Spravochnik energetika tekstil'noi promyshlennosti. Moskva, Gos.nauchno-tekhn. izd-vo Ministerstva tekstil'noi promysh. SSSR. Vol.2.[Thermotechnics] Teplotekhnika. Pod red.M.E.Simkina. 1955. 510 p. (MLRA 9:2)
(Thermodynamics)

GORJAINOV, V.A.; RATTEL', K.N.; SMIRNOV, G.N., retsenzent.

[Ventilation and pneumatic transport in bast processing plants] Ventilatsia i pnevmaticheskii transport na zavodakh pervichnoi obrabotki lubian'nykh kul'tur. Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshlenn'nykh tovarov shirokogo potrebleniia SSSR, 1953. 212 p. (MLRA 7:7)
(Bast) (Factories--Heating and ventilation)

IPPOLITOV, Yakov Yakovlevich; RATTIELYA, K.N., red.; AKSENOVA, I.I.,
red.; KNAKNIN, M.T., tekhn. red.

[Effect of air parameters and moisture content of the cotton on
spinning] Vliianie parametrov vozdukh i vlazhnosti khlopka na
protsess priadeniia. Pod red. K.N.Rattelia. Moskva, Izd-vo
nauchno-tekhn. lit-ry RSFSR, 1960. 59 p. (MIRA 14:4)
(Cotton spinning)

RATTI, G.

"Designing industrial overhead pipelines for stability" by
A.G.Kamarshtein, M.N.Ruchinskii. Reviewed by G.Ratti. Stroil.
mekh.i rasch.soor. 1 no.5:52-3 of cover '59. (MIRA 13:1)
(Pipelines) (Strains and stresses)

RUCHIMSKIY, M.N., kand.tekhn.nauk; RATTI, G.V.; KAPKANETS, V.I., red.;
POLYAKOV, M.G., tekhn.red.

[Instruction for determining loads acting on pipeline supports
and establishing permissible spans between them] Ukazaniia po
opredeleniiu nagruzok, deistvuiushchikh na opory truboprovodov,
i dopuskaemykh proletov mezhdu ikh oporami. Moskva, Otdel nauchno-
tekhn.informatsii, 1959. 96 p. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu
magistral'nykh truboprovodov. 2. Vsesoyuznyy nauchno-issledova-
tel'skiy institut po stroitel'stvu magistral'nykh truboprovodov
(for Ruchimskiy). 3. Glavnyy konstruktor otdela kommunikatsiy
Giprogaztoproma (for Ratti).
(Pipelines)

RATTI, G.V., inzh.(Moskva)

"Permissible spans in surface pipelaying"; discussion of the
article of M.N. Ruchimskii. Stroi.pred.neft.prom. 2 no.11:17
N '57. (MIRA 11:1)
(Pipelines) (Ruchimskii, M.N.)

RATTI, G.V., red.; KHAVIN, B.N., red.izd-va; STEPANOVA, E.S., tekhn.red.;
RODAKOVA, N.I., tekhn.red.

[Production norms for planning and survey work paid for according to a piece-rate system] Normy vyrabotki na proektnye i izyskatel'skie raboty, oplachivaemye adel'no. Pt.25. [Plant piping systems] Mezhtsekhovye tekhnologicheskie truboprovody. 1958. 12 p. (MIRA 12:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.

(Russia--Industries)

(Production standards)

RATTI, G. V.

95-11-6/14

AUTHOR: Ratti, G. V., Engineer (Moscow)

TITLE: "On the Permissible Span of Overhead Pipelines"
(O dopustimyykh proletakh truboprovodov pri nadzemnoy prokladke).

PERIODICAL: Stroitel'stvo Predpriyatiy Neftyanoy Promyshlennosti, 1957, Nr 11,
pp. 17 - 17 (USSR).

ABSTRACT: This is a criticism of an article published by M. N. Ruchinskiy, candidate of technical sciences. What he says about the possibility of the increasing bending stress up to 1100 kg / cm^2 , without impairing the durability of the pipeline without doubt holds good for most pipelines. It must, however, be mentioned that in the case of thin-walled pipelines with the diameter of more than 1,5 - 2 m the problem concerning the possibility of increasing stresses at present permitted must, in addition, be discussed. There follow some details and formulae for calculation. A formula was computed as a result of experiments carried out with cylindrical sections of the pipeline, which was used under conditions that were different from a pipeline resting upon one, two, or several supports. It is therefore necessary, additionally to investigate the problem of permitted stress limits when calculating thin-walled pipelines of large diameter.

Card 1/2

RATTI, G. V.

"Design of pipelines for strength" by A. G. Kamertshein, V. V.
Roshdestvenskii, M. N. Ruchinskii. Reviewed by G. V. Ratti.
Stroi. truboprov. 8 no.4:37-39 Ap '63. (MIRA 16:4)

(Pipelines—Design and construction)
(Kamertshein, A. G.) (Roshdestvenskii, V. V.)
(Ruchinskii, M. N.)

STEPANOV, G.N., inzh., red.; RATTI, Yu.V., inzh., red.

,Construction specifications and regulations| Stroitel'nye normy i pravila. Moskva. Gosstroizdat. Pt.2. Sec.G. ch.14.[Industrial steel pipelines subject to pressure up to 100 kGs/sm² inclusively; design specifications] Tekhnologicheskie stal'nye truboprovody s uslovnym davleniem do 100 kGc/cm² vkluchitel'no; normy proektirovaniia (SNiP II-G. 14-62). 1963. 16 p. (MIRA 17:6)

1. Russia (1923.. U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosstroy SSSR (for Stepanov). 3. Gosudarstvennyy soyuznyy institut po proyektirovaniyu predpriyatiy iskusstvennogo zhidkogo topliva i gaza (for Ratti).

RATTKA, Pawel

Mortality from leukemia in Poland during the period 1950-1959
with reference to some epidemiological aspects. Nowotwory 13
no.1:61-74 '63.

1. Z Instytutu Onkologii Oddzial w Gliwicach Dyrektor: dr
med. J. Swiecki.

(LEUKEMIA) (NEOPLASM STATISTICS)
(MORTALITY) (EPIDEMIOLOGY)

RATTKA, Pawel

Clinical aspects of chronic leukemia. Nowotwory 13 no.3:259-266 J1-S'63.

1. Z Instytutu Onkologii w Gliwicach; dyrektor: dr.med. J.Swiecki.

LUBAS, B.; LOBODZINSKI, W.; RATKA, P.; TYRALA, L.

Cobalt telegammatherapy with the use of GUT-400 with a view toward radiologic protection. Pol. przepl. radiol. 28 no.6: 565-574 N-D '64.

1. Z Instytutu Onkologii; Oddzial w Gliwicach (Dyrektor: dr. med. J. Swiecki).

BEYLIN, V.M.; VEKILOV, Yu.Kh.; KADYSHEVICH, A.Ye.; PIGUZOV, Yu.V.; RATTKE, R.

Influence of the intrinsic photoeffect on the damping of elastic waves in Ge. Fiz. tver. tela 5 no.8:2371 Ag '63. (MIRA 16:9)

1. Moskovskiy institut stali i splavov.
(Elastic waves) (Photoelectricity)

RATTS, B.G.

Air Navigation Instruments for Airplanes Part I "Instruments
for Course Setting". Defense Publ. House. (1941) p. 35

RATTS, B.G.

Air Navigation Equipment for Aircraft.

Oborongiz (1941)

RATTS, E.G., kand.tekhn.sauk

Ancient prestressed structures. Izv. ASIA no. 3:122-124 '60.
(MIRA 13:12)

(Strains and stresses)

RATTS, E.G.

Ratts, E.G. "On the safety factor of ferricibcrete constructions with sturdy armatures," *Stroit. prom-st'*, 1948, No. 12, p. 17-21

SO: U-2888, *Letopis Zhurnal'nykh Statey*, No. 1, 1949

RATTS, E. C.

27706.

Ispytaniya strunobetonnykh balok v shesti-semi- letnem
vozraste - Trudy IV vsesoyuz. Konf-tsii po betonu ni
zhelezobeton konstruktsiyam. Ch. 2. M.-L., 1949, s. 133-50.

SO: Knizhnaya Letopis, Vol. 1, 1955

TIMOFEEV, A.K., inshener, laureat Stalinskoy premii; RATTS, E.G.,
cheskikh nauk.
Manufacture of short reinforced concrete pipe in the Dubininskii factory.
Gor.khoz.Mosk. 25 no.9:18-20 S '51. (MIRA 6:11)
(Pipe. Concrete)

OSTROVSKIY, A.I., kandidat tekhnicheskikh nauk; RATTIS, E.G., kandidat tekhnicheskikh nauk.

Prefabricated reinforced concrete silos and tanks. Stroi.prom. 31 no.11:
(MLRA 6:12)

32-37 N '53.

(Precast concrete construction) (Silos) (Tanks)